

Sensitive Species with the Potential to Occur within the Project Limits

Species	Status*	Habitat and Potential for Occurrence
ANIMALS		
Tricolored blackbird (<i>Agelaius tricolor</i>)	FSC, CSC	Found in large flocks in freshwater marshes, willow thickets, mulefat (<i>Baccharis salicifolia</i>), and tamarisk (<i>Tamarix</i> spp.) in San Diego County. Low potential to occur. Habitat not present within the project area.
Orange-throated whiptail lizard (<i>Aspidoscelis hyperythrus</i>)	CSC	This species inhabits loose sandy soil in coastal sage scrub, chaparral, thornscrub and riparian areas along the coastal strip from sea level to about 2,000 feet. They prefer large areas with no vegetation in which to forage. High potential to occur. Not observed during project surveys.
Arroyo toad (<i>Bufo californicus</i>)	FE, CSC	Restricted to rivers that have shallow, gravelly pools adjacent to sandy terraces. Juveniles and adults forage for insects on sandy stream terraces that have nearly complete closure of cottonwoods (<i>Populus</i> sp.), oaks (<i>Quercus</i> spp.) or willows (<i>Salix</i> spp.), and almost no grass and herbaceous cover at ground level. Low potential to occur. Habitat not present within the project area.
Southwestern pond turtle (<i>Clemmys marmorata pallida</i>)	FSC, CSC	Occurs in streams, ponds, freshwater marshes, and lakes along the west coast from San Luis Obispo County to northern Baja California. Low potential to occur. Habitat not present within the project area.
Quino Checkerspot butterfly (<i>Euphydryas editha quino</i>)	FE	Restricted to sunny openings on clay soils found from gabbro-parent materials in the foothills of southwestern California and northwestern Baja California, Mexico. Its diet consists of its principal larval host plant, plantain (<i>Plantago erecta</i>), but it is further restricted by other factors. Low potential to occur. Not observed during protocol surveys.
San Diego horned lizard (<i>Phrynosoma coronatum blainvillei</i>)	FSC, CSC	This horned lizard inhabits open sage scrub, grassland, broadleaf woodlands, and chaparral. It requires large open areas of sandy soil within these habitats for foraging. Horned lizards prefer level to gently sloping ground with well-drained soils; they feed primarily on ants of the genus <i>Pogonomyrmex</i> (harvester ants). Moderate to high potential to occur. Not observed during project surveys.
Coastal California gnatcatcher (<i>Polioptila californica californica</i>)	FT, CSC	California gnatcatchers occur in coastal sage scrub habitats in coastal southern California and in northwestern Baja California, Mexico. Low to moderate potential to occur due to elevational restrictions. Not observed during project surveys.
Least Bell's vireo (<i>Vireo bellii pusillus</i>)	FE, SE	It is restricted in its breeding range to primarily dense riparian vegetation, southern willow scrub which is dominated by willows (<i>Salix</i> spp.), with a lush understory of vegetation found generally in the coastal lowlands. Low potential to occur. Habitat not present within the project area.

Species	Status*	Habitat and Potential for Occurrence
PLANTS		
Dean's milk-vetch (<i>Astragalus deanei</i>)	FSC, CNPS 1B	Habitat includes chaparral, coastal scrub and riparian forest. Found in open, brushy south facing slopes in Diegan coastal sage sometimes on recently burned-over hillsides. Moderate potential to occur. Not observed during project surveys.
San Diego milk-vetch (<i>Astragalus oocarpus</i>)	CNPS 1B	Habitat includes chaparral, cismontane woodland, and meadows. Found in openings in chaparral or on gravelly flats and slopes in thin oak woodland. Low potential to occur. Habitat not present within the project area.
Orcutt's brodiaea (<i>Brodiaea orcuttii</i>)	CNPS 1B	Found in mesic, clay habitats usually near vernal pools, but also in valley and foothill grassland, cismontane woodland, closed-cone coniferous forest, chaparral and meadows. Low potential to occur. Habitat not present within the project area.
Dunn's mariposa lily (<i>Calochortus dunnii</i>)	FSC, SR, CNPS 1B	Habitat includes chaparral, and closed-coned coniferous forest. Low potential to occur. Habitat not present within the project area.
Tecate cypress (<i>Cupressus forbesii</i>)	FSC, CNPS 1B	Habitat includes chaparral and closed-cone coniferous forest. Found primarily on north facing slopes, in groves often associated with chaparral. Low potential to occur. Habitat not present within the project area.
Tecate tarplant (<i>Deinandra floribunda</i>)	FSC, CNPS 1B	Found in chaparral and coastal scrub, often in little drainages or disturbed areas. Moderate potential to occur. Not observed during project surveys.
Palmer's goldenbush (<i>Ericameria palmeri</i> ssp. <i>Palmeri</i>)	FSC, CNPS 2	Found in coastal scrub and chaparral, on granitic soils in steep hillsides. Low to moderate potential to occur. Not observed during project surveys.
Sticky geraea (<i>Geraea viscida</i>)	CNPS 2	Found in chaparral, in loamy coarse sand to gravelly sandy soils. Often in post-burned areas. Low potential to occur. Habitat not present within project area and was not observed during project surveys.
Palmer's grapplinghook (<i>Harpogonella palmeri</i> ssp. <i>Palmeri</i>)	CNPS 2	This annual herb is found in clay soils of chaparral, coastal scrub, and valley and foothill grassland communities. It flowers March through April and deteriorates fairly quickly afterward. High potential to occur. This plant was observed within the project limits.
Robinson's pepper-grass (<i>Lepidium virginicum</i> var. <i>robinsonii</i>)	CNPS 1B	Found in dry soils in chaparral and coastal scrub. Moderate potential to occur. Not observed during project surveys.
Felt-leaved monardella (<i>Monardella hypoleuca</i> ssp. <i>lanata</i>)	CNPS 1B	Occurs in the understory in mixed chaparral, chamise chaparral, and southern oak woodland. Low potential to occur. Habitat not present within the project area.
Gander's ragwort (<i>Senecio ganderi</i>)	SR, CNPS 1B	Found in recently burned sites and gabbro outcrops in chaparral. Low potential to occur. Habitat not present within the project area.

Federal Species Designations (USFWS 1997)

FE	Federal Endangered Species	Listed as Endangered by the Federal Government under the Endangered Species Act of 1973 (ESA). Taxa that are in danger of becoming extinct throughout all or a significant portion of their range
FT	Federal Threatened Species	Listed as Threatened by the Federal Government under ESA. Taxa that are likely to become Endangered in the foreseeable future in the absence of special protection.
FP	Federal Proposed for Listing	Taxa that are proposed in the Federal Register to be listed as Endangered (E) or Threatened (T) under Section 4 of the ESA.
FC	Federal Candidate for Listing	Taxa for which the USFWS has sufficient biological data to support a proposal to list as endangered or threatened. These were previously referred to as Category 1 candidate species by the USFWS.
CH	Critical Habitat	Critical Habitat has been designated for the species.

California Species Designations

CE	California Endangered Species	A native California taxa which is in serious danger of becoming extinct throughout all or a significant portion of its range (CDFG Code 2062)
CT	California Threatened Species	A native California taxa which, although not presently threatened with extinction, is likely to become an endangered species in the foreseeable future in the absence of special protection and management efforts (CDFG 2067)
CR	California Rare Species	Taxa that are presently threatened with extinction. However, the species, subspecies or variety is found in such small numbers throughout its range that it may be endangered if its environment worsens.
CP	California Fully Protected Species	Taxa that fall under special protection within the CDG Code (3511, 3513, 3503.5, 3700, 4800, 4900, 5000, 5050, 5515)
CSA	California Special Animals	Taxa listed as Special Animals fall into one or more of the following categories: -Taxa that are biologically rare, very restricted in distribution, or declining throughout their range. -Populations in Ca. that may be peripheral to the major portion of the taxon's range, but which are threatened with extirpation w/in Ca.
CSC	CDFG species of special concern	Taxa for which sufficient information exists which warrants concern over that species status and may warrant future listing as T or E. Protective status falls under state government code 66474.

California Native Plant Society Designations

List 1A	Plants presumed extinct in California
List 1B	Plants rare, threatened or endangered in California and elsewhere

List 2	Plants rare, threatened or endangered in California, but common elsewhere
List 3	Plants about which we need more information
List 4	Plants of limited distribution (watch list)

The R-E-D Code

R (rarity)	
1	Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction is low at this time.
2	Distributed in a limited number of occurrences, occasionally more if each occurrence is small.
3	Distributed in one to several highly restricted occurrences, or present in such numbers that it is seldom reported.
E (endangered)	
1	Not endangered.
2	Endangered in portion of its range
3	Endangered throughout its range
D (distribution)	
1	More or less widespread outside California
2	Rare outside of California
3	Endemic outside of California